

**UTILITY
PATENT APPLICATION
TRANSMITTAL**
(Only for new nonprovisional applications under 37 CFR 1.53(b))

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.	
Attorney Docket No.	854063.552D1
First Inventor	Gabriele Barlocchi
Title	METHOD FOR FORMING HORIZONTAL BURIED CHANNELS OR CAVITIES IN WAFERS OF MONOCRYSTALLINE SEMICONDUCTOR MATERIAL
Express Mail Label No.	EV336596659US

1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)	7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.	8. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
3. <input checked="" type="checkbox"/> Specification [Total Pages 12] (preferred arrangement set forth below) - Descriptive title of the Invention - Cross Reference to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure	a. <input type="checkbox"/> Computer Readable Form (CRF) b. <input type="checkbox"/> Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> Paper
4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 11] 5. Oath or Declaration [Total Sheets 3] a. <input type="checkbox"/> Newly executed (original or copy) b. <input checked="" type="checkbox"/> Copy from a prior application (37 CFR 1.63 (d)) (for a continuation/divisional with Box 18 completed) i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).	c. <input type="checkbox"/> Statements verifying identity of above copies
6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76	9. <input type="checkbox"/> ACCOMPANYING APPLICATION PARTS Assignment Papers (cover sheet & document(s)) 10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input checked="" type="checkbox"/> Power of Attorney (when there is an assignee) 11. <input type="checkbox"/> English Translation Document (if applicable) 12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations 13. <input type="checkbox"/> Preliminary Amendment 14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized) 15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed) 16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 17. <input checked="" type="checkbox"/> Other: <u>Check</u>

18. If a CONTINUING APPLICATION OR APPLICATION CLAIMING FOREIGN PRIORITY, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:
 Continuation Divisional Continuation-in-part (CIP) Claims priority from U.S. application No. 09/545,260 filed April 7, 2000

Group Art Unit: 2825

Prior application information Examiner Calvin Lee
For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input type="checkbox"/> Correspondence address below		or:	Customer Number 00500
Firm Name			
Address			
City, State, Zip			
Country			
Telephone	Fax		
Name (Print/Type)	E. Russell Tarleton	Registration No. (Attorney/Agent)	31,800
Signature		Date	September 18, 2003

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27.

TOTAL AMOUNT OF PAYMENT (\$ **936**)

METHOD OF PAYMENT

Payment Enclosed:
 Check Credit card Money Order Other

Deposit Account:

Deposit
Account
Number

**Seed Intellectual Property Law Group
PLLC**

The Commissioner is authorized to (check all that apply)

Charge fee(s) indicated below Credit any overpayments

Charge any additional fee(s) during the pendency of this application

Charge fee(s) indicated below, **except for the filing fee**

Charge any deficiencies

to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	750	2001	375	Utility filing fee	750
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					(\$) 750

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

		Extra Claims	Fee from below	Fee Paid
Total Claims	21	-20** = 1	* 18	= 18
Independent Claims	5	-3*** = 2	* 84	= 168
Multiple Dependent				= 0

Large Entity		Small Entity		
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	84	2201	42	Independent claims in excess of 3
1203	280	2203	140	Multiple dependent claim, if not paid
1204	84	2204	42	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

^{**}or number previously paid, if greater: For Reissues, see above

Complete if Known

Application Number	September 17, 2003																																																																																																																																																																																																																														
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ADDITIONAL FEES <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; width: 15%;">Large Entity</th> <th colspan="3" style="text-align: center; width: 30%;">Small</th> <th colspan="3" style="text-align: center; width: 55%;"></th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> <th colspan="2">Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>1051</td><td>130</td><td>2051</td><td>65</td><td colspan="2">Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>1052</td><td>50</td><td>2052</td><td>25</td><td colspan="2">Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>1053</td><td>130</td><td>1053</td><td>130</td><td colspan="2">Non-English specification</td><td></td></tr> <tr><td>1812</td><td>2520</td><td>1812</td><td>2520</td><td colspan="2">For filing a request for ex parte reexamination</td><td></td></tr> <tr><td>1804</td><td>920*</td><td>1804</td><td>920*</td><td colspan="2">Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>1805</td><td>1840*</td><td>1805</td><td>1840*</td><td colspan="2">Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>1251</td><td>110</td><td>2251</td><td>55</td><td colspan="2">Extension for reply within first month</td><td></td></tr> <tr><td>1252</td><td>410</td><td>2252</td><td>205</td><td colspan="2">Extension for reply within second month</td><td></td></tr> <tr><td>1253</td><td>930</td><td>2253</td><td>465</td><td colspan="2">Extension for reply within third month</td><td></td></tr> <tr><td>1254</td><td>1450</td><td>2254</td><td>725</td><td colspan="2">Extension for reply within fourth month</td><td></td></tr> <tr><td>1255</td><td>1970</td><td>2255</td><td>985</td><td colspan="2">Extension for reply within fifth month</td><td></td></tr> <tr><td>1401</td><td>320</td><td>2401</td><td>160</td><td colspan="2">Notice of Appeal</td><td></td></tr> <tr><td>1402</td><td>320</td><td>2402</td><td>160</td><td colspan="2">Filing a brief in support of an appeal</td><td></td></tr> <tr><td>1403</td><td>280</td><td>2403</td><td>140</td><td colspan="2">Request for oral hearing</td><td></td></tr> <tr><td>1451</td><td>1510</td><td>1451</td><td>1510</td><td colspan="2">Petition to institute a public use proceeding</td><td></td></tr> <tr><td>1452</td><td>110</td><td>2452</td><td>55</td><td colspan="2">Petition to revive – unavoidable</td><td></td></tr> <tr><td>1453</td><td>1300</td><td>2453</td><td>650</td><td colspan="2">Petition to revive – unintentional</td><td></td></tr> <tr><td>1501</td><td>1300</td><td>2501</td><td>650</td><td colspan="2">Utility issue fee (or reissue)</td><td></td></tr> <tr><td>1502</td><td>470</td><td>2502</td><td>235</td><td colspan="2">Design issue fee</td><td></td></tr> <tr><td>1503</td><td>630</td><td>2503</td><td>315</td><td colspan="2">Plant issue fee</td><td></td></tr> <tr><td>1460</td><td>130</td><td>1460</td><td>130</td><td colspan="2">Petitions to the Commissioner</td><td></td></tr> <tr><td>1807</td><td>50</td><td>1807</td><td>50</td><td colspan="2">Processing fee for provisional applications</td><td></td></tr> <tr><td>1806</td><td>180</td><td>1806</td><td>180</td><td colspan="2">Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>8021</td><td>40</td><td>8021</td><td>40</td><td colspan="2">Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>1809</td><td>750</td><td>2809</td><td>375</td><td colspan="2">Filing a submission after final rejection (37 CFR § 1.129(a))</td><td></td></tr> <tr><td>1810</td><td>750</td><td>2810</td><td>375</td><td colspan="2">For each additional invention to be examined (37 CFR § 1.129(b))</td><td></td></tr> <tr><td>1801</td><td>750</td><td>2801</td><td>375</td><td colspan="2">Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>1802</td><td>900</td><td>1802</td><td>900</td><td colspan="2">Request for expedited examination of a design application</td><td></td></tr> <tr> <td colspan="7">Other fee (specify) _____</td> </tr> </tbody></table>							Large Entity	Small						Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description		Fee Paid	1051	130	2051	65	Surcharge - late filing fee or oath			1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet			1053	130	1053	130	Non-English specification			1812	2520	1812	2520	For filing a request for ex parte reexamination			1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action			1805	1840*	1805	1840*	Requesting publication of SIR after Examiner action			1251	110	2251	55	Extension for reply within first month			1252	410	2252	205	Extension for reply within second month			1253	930	2253	465	Extension for reply within third month			1254	1450	2254	725	Extension for reply within fourth month			1255	1970	2255	985	Extension for reply within fifth month			1401	320	2401	160	Notice of Appeal			1402	320	2402	160	Filing a brief in support of an appeal			1403	280	2403	140	Request for oral hearing			1451	1510	1451	1510	Petition to institute a public use proceeding			1452	110	2452	55	Petition to revive – unavoidable			1453	1300	2453	650	Petition to revive – unintentional			1501	1300	2501	650	Utility issue fee (or reissue)			1502	470	2502	235	Design issue fee			1503	630	2503	315	Plant issue fee			1460	130	1460	130	Petitions to the Commissioner			1807	50	1807	50	Processing fee for provisional applications			1806	180	1806	180	Submission of Information Disclosure Stmt			8021	40	8021	40	Recording each patent assignment per property (times number of properties)			1809	750	2809	375	Filing a submission after final rejection (37 CFR § 1.129(a))			1810	750	2810	375	For each additional invention to be examined (37 CFR § 1.129(b))			1801	750	2801	375	Request for Continued Examination (RCE)			1802	900	1802	900	Request for expedited examination of a design application			Other fee (specify) _____						
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SUBMITTED BY

SUBMITTED BY		Customer Number	
Name (Print/Type)	E. Russell Tarleton	Registration No. Attorney/Agent)	31,800
Firm Name/ Address			
Signature		Date	September 18, 2003